IdeaPad™ Y560 (0646) - ATI (Windows 7) - web only models

Type-model	Pro-cessor	GHz	Max turbo (GHz)	Memory (MHz)	Widescreen display	CCFL or LED	Discrete graphics	SATA disk GB[8] rpm	mSATA SSD	SATA optical	PCIe Mini Card 802.11	Top color	Blue-tooth	Win7 preload	Avail date
0646-5RU	i3-380M	2.53		4GBx1 1066	15.6" HD	LED	HD 5730	500GB 5400		DVD±RW	Intel 1000	Black	Blue	Prem 64	Nov 10
0646-5NU	i5-480M	2.66		4GBx1 1066	15.6" HD	LED	HD 5730	500GB 5400		DVD±RW	Intel 1000	Black	Blue	Prem 64	Nov 10
0646-5CU	i7-740QM	1.73	2.93	4GBx2 1033	15.6" HD	LED	HD 5730	500GB 7200		DVD±RW	Intel 1000	Black	Blue	Prem 64	Dec 10

- ***15.6" widescreen, glossy display with LED backlight***
- ***Lenovo® Desktop Navigator easily toggles among shortcuts, files, and other frequently used programs with touch-sensitive SlideNav bar***
- ***Integrated 1.3 megapixel camera and Lenovo's VeriFace face recognition software helps control access to your notebook by recognizing your face***
- ***Touch pad supports multi-touch function (pinch, expansion, chiral motion)***
- ***Dolby® Home Theater® premium audio system with two JBL® stereo speakers***
- ***Ambient Light Sensor automatically adjusts screen brightness based on surrounding light conditions***
- ***Lenovo Rescue System provides OneKey™ recovery and OneKey Antivirus without booting into Windows***
- ***OneKey Theater allows pressing one key to optimize video and audio experience by switching from normal mode to movie mode***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Positioning	*Widescreen flexibility; two-spindle*
Processor	**Intel® Core™ i3-380M/i5-480M** with **dual-core or i7-740QM** with **quad-core** DMI (Direct Media Interface), integrated DDR3 memory controller (up to 1333MHz), Intel Turbo Boost, Hyper-Threading technology, 6MB cache
Memory	**4GB** or **8GB** std / 8GB max[7]; **PC3-up to 1333MHz DDR3**, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets
Diskette drive	None
SATA optical	*Some:* DVD burner dual-layer support, fixed, not removable, 12.7mm high, tray-in *Some:* DVD recordable, 12.7mm, tray-in
SATA disk	**500GB** (5400 or 7200 rpm) / SATA 3.0Gb/s, 9.5mm high
Widescreen display	**15.6"** (396.2mm) **HD (WXGA 1366x768) TFT color**, **VibrantView** (glossy); **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	Camera on top of screen, 1.3-megapixel, fixed focus, LED indicator
Discrete graphics	**ATI™ Mobility Radeon™ HD 5730**, PCI Express® x16, **1GB** memory, DirectX® 11, ATI Avivo™ HD, VGA connector, HDMI connector, HDCP-compliant
Keyboard	Full-size keyboard, 6-row, recovery key, mute, volume up, volume down buttons
Touch controls	Lenovo SlideNav bar, OneKey Theater and Energy Management keys
Light sensor	Ambient light sensor
Touch pad	Two-button touch pad with scroll feature (no TrackPoint®), multi-touch
Dimensions[3]	*(WxDxH):* 15.2" x 10.0" x 0.8" to 1.3"; 385mm x 255mm x 20mm to 33mm
Weight[2]	with optical drive and battery: *6-cell:* 5.95lb (2.7 kg)
Case color	Black top with engraved pattern, black bottom
Case material	Polycarbonate/Acrylonitrile-Butadiene-Styrene (PC/ABS) plastic
Battery - type	Lithium Ion **6-cell**
Battery - life[10]	Up to 3 hr
Chipset	**Mobile Intel HM55 Express Chipset**
ExpressCard/34	One slot (ExpressCard/34)
Multicard reader	6-in-1 reader (MultiMedia Card, Memory Stick, Memory Stick PRO™, Secure Digital Card, Secure Digital High Capacity Card, xD-Picture Card™)
Ports	Three USB 2.0 and one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
TV tuner	None
PCIe Mini Card	Three PCIe Mini Card slots
Intel 1000[28]	*Some:* 11b/g/n wireless[4], PCIe Half Mini Card, Intel Centrino® Wireless-N 1000, 1x2
Intel 6200[28]	*Some:* 11a/b/g/n wireless[4], PCIe Half Mini Card, Intel Centrino Advanced-N 6200, 2x2
Bluetooth™	Bluetooth 2.1 wireless + EDR, USB 2.0 interface, LED indicator
Modem	None
Ethernet	Gigabit ethernet, Broadcom® BCM57780, PCIe x1
Audio support	High Definition (HD) Audio, RealTek® ALC272 codec / JBL® stereo speakers (1.5 watt x 2), Dolby Home Theater Speaker System / dual array microphone, microphone input jack (3.5 mm), headphone jack (S/PDIF-out) (stereo, 3.5 mm)
Security	Power-on password, hard disk password, supervisor password,, security lockhole
Fingerprint reader	None

Preloaded operating system[20]
- Genuine Windows® 7 Home Premium 64

Preloaded applications[14] (only some listed)
- Lenovo OneKey Recovery
- Lenovo ReadyComm
- ooVoo™
- McAfee® VirusScan® Plus (60 days of virus definitions)
- Adobe® Reader®
- Windows Live Essential
- CyberLink YouCam
- Microsoft Office 2010 preloaded; purchase product key to activate
- VeriFace™
- Lenovo Energy Management Software
- Cyberlink Power2Go (DVD±RW)
- Media Show
- Lenovo DirectShare
- Lenovo SlideNav

120-watt AC adapter
Wireless on/off switch
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant

Limited Warranty[12]
- **1-year parts and labor**
- **Depot repair service**[19]
- **Service upgrade options (in eligible locations):**[9]
  - **1-year Lenovo Onsite Repair**[13] 78Y1532
  - **1-year Onsite with accidental damage protection** 78Y1533
  - **2-year Lenovo Onsite Repair**[13] 78Y1536
  - **3-year Lenovo Depot Repair** 78Y1538
- **24x7**[16] **toll-free support for warranty issues during the warranty period**[12] **via 877-453-6686**

See footnotes for important warranty information
☞ US model announced November 1, 2010

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